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PATENT  
Attorney Docket No.: 02558P-002010US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

PATRICK F. COLEMAN et al.

Application No.: 09/515,014

Filed: February 29, 2000

For: SYNTHETIC ANTIGEN FOR THE  
DETECTION OF ANTIBODIES  
IMMUNOREACTIVE WITH HIV  
VIRUS

Examiner: R. Budens

Art Unit: 1648

**AMENDMENT**

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TECH CENTER 1600/2900

U.S. Patent and Trademark Office  
Box Sequence, P.O. Box 2327  
Arlington, VA 22202

Dear Sir:

In response to the Office Action mailed April 23, 2002, please amend the above-identified application as follows:

**IN THE CLAIMS:**

Kindly replace claims 1, 12, and 13 with the following substitute claims.

An Appendix showing all changes to these claims is attached to this amendment as required by 37 CFR §1.121(c).

1  
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1. (Twice amended) A method for determining the presence of antibodies to HIV in a body fluid, comprising:

(a) contacting, under conditions which permit immunospecific binding to form a reaction mixture, the body fluid with a composition containing at least one polypeptide comprising at least one of the following polypeptide sequences:

*Contd.*